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(FILE 'HOME' ENTERED AT 10:00:04 ON 09 JAN 2004)

FILE 'CONFSCI' ENTERED AT 10:00:10 ON 09 JAN 2004  
L1 0 S WHOLESALE(3N) (BILLING? OR COLLECT?)

09/514736

STN  
Search

File 344:Chinese Patents Abs Aug 1985-2003/Nov  
 (c) 2003 European Patent Office  
 File 347:JAPIO Oct 1976-2003/Sep(Updated 040105)  
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 File 350:Derwent WPIX 1963-2004/UD,UM &UP=200402  
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?ds

Set	Items	Description
S1	10693	TELEPHONE(3N)(RECORD OR RECORDS OR CHARGE OR CHARGES OR SERVICE OR SERVICES)
S2	126	BILLING(3N)(CLIENT? OR CUSTOMERS)
S3	0	(REGIONAL()BELL()OPERATING()COMPAN? OR RBOC)(3N)(BILL OR BILLS OR CHARGE OR CHARGES OR SERVICE OR SERVICES)
S4	6	WHOLESALE(3N)(BILLING? OR COLLECT?)
S5	41	(GENERAT? OR CREAT?)(3N)TABULATION?
S6	16	(COMPARE? OR COMPARI? OR ASSESS?)(3N)TABULATION?
S7	0	(S5 OR S6)(5N)(MICROSOFT()SOFTWARE)
S8	33037	AU=(KAM, C? OR KAM? OR CHENG()KUK, J? OR CHENG()KUK J?)
S9	0	S1 AND S4
S10	0	S1 AND S7
S11	0	S1 AND (S5 OR S6)
S12	0	S2 AND S4
S13	0	S3 AND S4
S14	324	S1 AND BILLING?
S15	0	S14 AND (MICROSOFT(SOFTWARE))
S16	0	S14 AND (S5 OR S6)
S17	0	S14 AND TABULAT?
S18	5	S1 AND S2 <i>(Kwic all)</i>

File 344:Chinese Patents Abs Aug 1985-2003/Nov  
(c) 2003 European Patent Office  
File 347:JAPIO Oct 1976-2003/Sep(Updated 040105)  
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File 350:Derwent WPIX 1963-2004/UD,UM &UP=200402  
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File 348:EUROPEAN PATENTS 1978-2003/Dec W02  
(c) 2003 European Patent Office  
File 349:PCT FULLTEXT 1979-2002/UB=20031225,UT=20031218  
(c) 2003 WIPO/Univentio  
?ds

Set	Items	Description
S1	14	AU='KAM C':AU='KAM CHEONG ANTHONY TSOI'
S2	0	S1 AND RBOE
S3	1	S1 AND TELEPHONE?
S4	1	AU='CHENG-KUK J':AU='CHENG-KUO F'

Author  
search

File 348:EUROPEAN PATENTS 1978-2003/Dec W02

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File 349:PCT FULLTEXT 1979-2002/UB=20031225,UT=20031218

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?ds

Set	Items	Description
S1	11705	TELEPHONE(3N) (RECORD OR RECORDS OR CHARGE OR CHARGES OR SERVICE OR SERVICES)
S2	724	BILLING(3N) (CLIENT? OR CUSTOMERS)
S3	21	(REGIONAL()BELL()OPERATING()COMPAN? OR RBOC) (3N) (BILL OR BILLS OR CHARGE OR CHARGES OR SERVICE OR SERVICES) (Kwiz all)
S4	17	WHOLESALE(3N) (BILLING? OR COLLECT?) (Kwiz all)
S5	43	(GENERAT? OR CREAT?) (3N) TABULATION?
S6	35	(COMPARE? OR COMPARI? OR ASSESS?) (3N) TABULATION?
S7	0	(S5 OR S6) (5N) (MICROSOFT()SOFTWARE)
S8	8327	AU=(KAM, C? OR KAM? OR CHENG() KUK, J? OR CHENG() KUK J?)
S9	3	(S1 OR S2 OR S3) (S) (S4 OR S7) (Kwiz all)
S10	38	S1(S) S2
S11	37	S10 NOT S9
S12	21	S11 AND IC=G06F (Kwiz all)
S13	0	S8(S) S1

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Set	Items	Description
S1	17885	TELEPHONE(3N) (RECORD OR RECORDS OR CHARGE OR CHARGES OR SERVICE OR SERVICES)
S2	433	BILLING(3N) (CLIENT? OR CUSTOMERS)
S3	36	(REGIONAL()BELL()OPERATING()COMPAN? OR RBOC) (3N) (BILL OR BILLS OR CHARGE OR CHARGES OR SERVICE OR SERVICES)
S4	29	WHOLESALE(3N) (BILLING? OR COLLECT?)
S5	38	(GENERAT? OR CREAT?) (3N) TABULATION?
S6	96	(COMPARE? OR COMPARI? OR ASSESS?) (3N) TABULATION?
S7	0	(S5 OR S6) (5N) (MICROSOFT() SOFTWARE)
S8	37655	AU=(KAM, C? OR KAM? OR CHENG()KUK, J? OR CHENG()KUK J?)
S9	1	(S1 OR S2 OR S3) AND (S4 OR S7) <i>(Kwic)</i>
S10	20	S1 AND S2
S11	20	S10 NOT S9
S12	17	S11 NOT PY>2000
S13	17	RD (unique items) <i>(kwic all)</i>
S14	8	S8 AND (S1 OR S2)
S15	8	RD (unique items) <i>(kwic all)</i>

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     (c) 1999 PR Newswire Association Inc  
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     (c) 2004 American Banker  
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     (c) 2004 ProQuest Info&Learning  
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     (c) 2004 Bond Buyer  
 File 267:Finance & Banking Newsletters 2004/Jan 07  
     (c) 2004 The Dialog Corp.

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Set	Items	Description
S1	714308	TELEPHONE(3N) (RECORD OR RECORDS OR CHARGE OR CHARGES OR SERVICE OR SERVICES)
S2	25872	BILLING(3N) (CLIENT? OR CUSTOMERS)
S3	6578	(REGIONAL()BELL()OPERATING()COMPAN? OR RBOC) (3N) (BILL OR BILLS OR CHARGE OR CHARGES OR SERVICE OR SERVICES)
S4	3538	WHOLESALE(3N) (BILLING? OR COLLECT?)
S5	226	(GENERAT? OR CREAT?) (3N) TABULATION?
S6	184	(COMPARE? OR COMPARI? OR ASSESS?) (3N) TABULATION?
S7	0	(S5 OR S6) (5N) (MICROSOFT()SOFTWARE)
S8	27964	AU=(KAM, C? OR KAM? OR CHENG()KUK, J? OR CHENG()KUK J?)
S9	45	(S1 OR S2 OR S3) (S) (S4 OR S7)
S10	25	S9 NOT PY>2000
S11	16	RD (unique items <i>(kwic all)</i> )
S12	121	S1(3N) S2
S13	0	S12(S) S7
S14	0	S12(S) (S4 OR S7)
S15	121	S12 NOT S11
S16	116	S15 NOT PY>2000

S17 76 S16 NOT PAGENET? (Reviewed Title)  
S18 0 S16(8N) RESELLER?  
S19 0 S8(S) (S1 OR S2)

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 File 9:Business & Industry(R) Jul/1994-2004/Jan 08  
     (c) 2004 Resp. DB Svcs.  
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     (c) format only 2003 The Dialog Corporation  
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     (c) 2003 Resp. DB Svcs.  
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     (c) 2004 The Gale Group  
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     (c) 2004 The Gale Group  
 File 19:Chem.Industry Notes 1974-2004/ISS 200401  
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 File 22:Employee Benefits 1986-2004/Jan  
     (c) 2004 Int.Fdn.of Empl.Ben.Plans  
 File 30:AsiaPacific 1985-2003/Dec 30  
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 File 34:SciSearch(R) Cited Ref Sci 1990-2004/Jan W1  
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     (c) 2003 Sport Information Resource Centre  
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     (c) 2004 Amer.Soc.of Health-Sys.Pharm.  
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Set	Items	Description
S1	3057	WHOLESALE(3N)(BILLING? OR COLLECT?)
S2	661838	TELEPHONE(3N)(RECORD OR RECORDS OR CHARGE OR CHARGES OR SERVICE OR SERVICES OR USAGE)
S3	2	S1(5N)S2
S4	2	RD (unique items (Kwic all))
S5	34444	(REGIONAL())BELL()OPERATING()COMPAN? OR RBOC)
S6	1	S5(5N)S1(Kwic)
S7	1	S6 NOT S4 (Kwic all)

68	1046	(GENERAT? OR CREAT?) (3N) TABULAT?
S9	0	S1(5N)S8
S10	0	S1(8N) (MICROSOFT() SOFTWARE)
S11	0	S1(5N)MICROSOFT?

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Set	Items	Description
S1	0	RBOC AND RETAIL\$ AND (CUSTOMER? ? OR CONSUMER? ? ) AND (BI-LL\$ OR CHARGE? ?) AND SERVICE? ?
S2	846	RBOC AND RETAIL? AND (CUSTOMER? ? OR CONSUMER? ? ) AND (BI-LL? OR CHARGE? ?) AND SERVICE? ?
S3	0	S2 AND TELEPHONE\$
S4	634	S2 AND TELEPHONE? ?
S5	129	S4 AND RESALE? ?
S6	69	S5 AND WIRELESS
S7	52	RD (unique items)
S8	4	S7 AND PY =2000
S9	41	S7 AND PY<=2000 ( <i>kwic all</i> )
S10	34966	(COMPAR? OR EVALUAT? OR MATCH?) (10N) (BILL? OR RECORD? ?) (10N) (RETAIL? OR LOCAL OR CUSTOMER? ?)
S11	13	S2 AND S10 ( <i>kwic all</i> )

## Refine Search

### Search Results -

Terms	Documents
L20 and table\$	23

Database: 
 US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search: rboc and retail and customers and charges and bill\$

Refine Search

Retail Text

Clear

Interrupt

### Search History

DATE: Friday, January 09, 2004   [Printable Copy](#)   [Create Case](#)

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name result set</u>
<i>DB=EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>			
<u>L21</u>	L20 and table\$ ( <i>kwic all</i> )	23	<u>L21</u>
<u>L20</u>	(wholesale or compan\$) and (compar\$ or evaluat\$ or match\$) and (retail\$ or local or charge\$1 or service\$1 or bill\$ or record\$1) and (client\$1 or customer\$1 or consumer\$1)	298	<u>L20</u>
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>			
<u>L19</u>	L18 and retail\$	127	<u>L19</u>
<u>L18</u>	L17 and format\$	333	<u>L18</u>
<u>L17</u>	l4 and l7	464	<u>L17</u>
<u>L16</u>	l4 and l7	464	<u>L16</u>
<u>L15</u>	l13 and l4 ( <i>kwic all</i> )	24	<u>L15</u>
<u>L14</u>	l12 and L13 ( <i>kwic all</i> )	3	<u>L14</u>
<u>L13</u>	(generat\$ or creat\$ or produc\$) adj10 (table\$1 or tabulation\$1 or file\$1) adj10 (bill\$1 or charge\$)	314	<u>L13</u>

<u>L12</u>	L11 and (phone\$1 or telephone\$1) (Ti cell)	70	<u>L12</u>
<u>L11</u>	L10 and format\$	70	<u>L11</u>
<u>L10</u>	l8 and L9	73	<u>L10</u>
<u>L9</u>	(generat\$ or creat\$ or produc\$) adj10 (table\$1 or tabulation\$1 or file\$1)	154683	<u>L9</u>
<u>L8</u>	l6 and l7	172	<u>L8</u>
<u>L7</u>	(compar\$ or match\$ or evaluat\$ or differen\$) adj10 (bill\$ or record\$1 or charge\$1) adj10 (service\$ or telephone\$ or phone\$1 or usage\$1 or use\$1)	3746	<u>L7</u>
<u>L6</u>	l4 and L5	1781	<u>L6</u>
<u>L5</u>	(bill\$ or charging) adj6 (customer\$ or client\$)	6660	<u>L5</u>
<u>L4</u>	(wholesale or rboc or compan\$) adj10 (retail\$ or local or charge\$1 or service\$1 or bill\$ or record\$1)	21798	<u>L4</u>
<u>L3</u>	rboc same bill\$ same service\$ (Kwic cell)	36	<u>L3</u>
<u>L2</u>	rboc same bill\$ same service\$ same retail\$	0	<u>L2</u>
<u>L1</u>	(wholesale or compan\$) adj10 (compar\$ or evaluat\$ or match\$) adj10 (retail\$ or local or charge\$1 or service\$1 or bill\$ or record\$1) adj10 (client\$1 or customer\$1 or consumer\$1) (Kwic)	1	<u>L1</u>

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Set	Items	Description
S1	0	RBOC AND RETAIL\$ AND (CUSTOMER? ? OR CONSUMER? ? ) AND (BI-LL\$ OR CHARGE? ?) AND SERVICE? ?
S2	846	RBOC AND RETAIL? AND (CUSTOMER? ? OR CONSUMER? ? ) AND (BI-LL? OR CHARGE? ?) AND SERVICE? ?
S3	0	S2 AND TELEPHONE\$
S4	634	S2 AND TELEPHONE? ?
S5	129	S4 AND RESALE? ?
S6	69	S5 AND WIRELESS
S7	52	RD (unique items)
S8	4	S7 AND PY =2000
S9	41	S7 AND PY<=2000 ( <i>kwic all</i> )
S10	34966	(COMPAR? OR EVALUAT? OR MATCH?) (10N) (BILL? OR RECORD? ?) (10N) (RETAIL? OR LOCAL OR CUSTOMER? ?)
S11	13	S2 AND S10 ( <i>kwic all</i> )

## Refine Search

### Search Results -

Terms	Documents
L20 and table\$	23

Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search:

rboc and retail and customers and  
 charges and bill\$

Refine Search

Recall Text

Clear

Interrupt

### Search History

DATE: Friday, January 09, 2004    [Printable Copy](#)    [Create Case](#)

<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
side by side			
DB=EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ			
<u>L21</u>	l20 and table\$ (kwic all)	23	<u>L21</u>
	(wholesale or compan\$) and (compar\$ or evaluat\$ or match\$) and (retail\$ or		
<u>L20</u>	local or charge\$1 or service\$1 or bill\$ or record\$1) and (client\$1 or	298	<u>L20</u>
	customer\$1 or consumer\$1)		
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ			
<u>L19</u>	L18 and retail\$	127	<u>L19</u>
<u>L18</u>	L17 and format\$	333	<u>L18</u>
<u>L17</u>	l4 and l7	464	<u>L17</u>
<u>L16</u>	l4 and l7	464	<u>L16</u>
<u>L15</u>	l13 and l4 (kwic all)	24	<u>L15</u>
<u>L14</u>	l12 and l13 (kwic all)	3	<u>L14</u>
<u>L13</u>	(generat\$ or creat\$ or produc\$) adj 10 (table\$1 or tabulation\$1 or file\$1) adj 10 (bill\$1 or charge\$)	314	<u>L13</u>

<u>L12</u>	L11 and (phone\$1 or telephone\$1) (Ti cell)	70	<u>L12</u>
<u>L11</u>	L10 and format\$	70	<u>L11</u>
<u>L10</u>	l8 and L9	73	<u>L10</u>
<u>L9</u>	(generat\$ or creat\$ or produc\$) adj10 (table\$1 or tabulation\$1 or file\$1)	154683	<u>L9</u>
<u>L8</u>	l6 and l7	172	<u>L8</u>
<u>L7</u>	(compar\$ or match\$ or evaluat\$ or differen\$) adj10 (bill\$ or record\$1 or charge\$1) adj10 (service\$ or telephone\$ or phone\$1 or usage\$1 or use\$1)	3746	<u>L7</u>
<u>L6</u>	l4 and L5	1781	<u>L6</u>
<u>L5</u>	(bill\$ or charging) adj6 (customer\$ or client\$)	6660	<u>L5</u>
<u>L4</u>	(wholesale or rboc or compan\$) adj10 (retail\$ or local or charge\$1 or service\$1 or bill\$ or record\$1)	21798	<u>L4</u>
<u>L3</u>	rboc same bill\$ same service\$ (Kwic cell)	36	<u>L3</u>
<u>L2</u>	rboc same bill\$ same service\$ same retail\$	0	<u>L2</u>
<u>L1</u>	(wholesale or compan\$) adj10 (compar\$ or evaluat\$ or match\$) adj10 (retail\$ or local or charge\$1 or service\$1 or bill\$ or record\$1) adj10 (client\$1 or customer\$1 or consumer\$1) (Kwic)	1	<u>L1</u>

END OF SEARCH HISTORY



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Set	Items	Description
S1	0	RBOC AND RETAIL\$ AND (CUSTOMER? ? OR CONSUMER? ? ) AND (BI-LL\$ OR CHARGE? ?) AND SERVICE? ?
S2	846	RBOC AND RETAIL? AND (CUSTOMER? ? OR CONSUMER? ? ) AND (BI-LL? OR CHARGE? ?) AND SERVICE? ?
S3	0	S2 AND TELEPHONE\$
S4	634	S2 AND TELEPHONE? ?
S5	129	S4 AND RESALE? ?
S6	69	S5 AND WIRELESS
S7	52	RD (unique items)
S8	4	S7 AND PY =2000
S9	41	S7 AND PY<=2000 <i>(Kwik all)</i>
S10	34966	(COMPAR? OR EVALUAT? OR MATCH?) (10N) (BILL? OR RECORD? ?) (10N) (RETAIL? OR LOCAL OR CUSTOMER? ?)
S11	13	S2 AND S10 <i>(Kwik all)</i>

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Set	Items	Description
S1	1	(BILLING OR BILLINGS OR FEE OR FEES OR COST OR COSTS OR CHARGE OR CHARGES OR RATE OR RATES) (5N) (BUNDLE?()) (CODE OR CODES OR CODING?) (Kwic)
S2	0	S1(5N) (CLEC OR COMPETITIVE() LOCAL() EXCHANGE() CARRIER? OR LOCAL() EXCHANGE() CARRIER?)
S3	0	S1(5N) (TELECOMMUNICATION? OR TELEPHONE() (COMPANY OR COMPANIES))
S4	14620445	CONVERG? OR COMBIN? OR CONVERSION? OR CONVERT?
S5	716	AU=(CRIM, S? OR CRIM S? OR BRILL, T? OR BRILL T? OR TRIGONOPLOS, P? OR TRIGONOPLOS P? OR NEYMAN, D? OR NEYMAN D? OR MEDIWAKE, R? OR MEDIWAKE R?)
S6	8326	(BILLING OR BILLINGS OR FEE OR FEES OR COST OR COSTS OR CHARGE OR CHARGES OR RATE OR RATES) (5N) (CLEC OR COMPETITIVE() LOCAL() EXCHANGE() CARRIER? OR LOCAL() EXCHANGE() CARRIER?)
S7	181	S6(10N)S4
S8	181	S7 NOT S1
S9	0	S8(10N)BUNDLE?
S10	159	S8 NOT PY>2002
S11	76	RD (unique items)
S12	559	(CLEC OR COMPETITIVE() LOCAL() EXCHANGE() CARRIER? OR LOCAL() EXCHANGE() CARRIER?) (5N) BUNDLE?
S13	15	S12(5N) (BILLING OR BILLINGS OR FEE OR FEES OR COST OR COSTS OR CHARGE OR CHARGES OR RATE OR RATES)
S14	15	S13 NOT (S1 OR S11)
S15	10	RD (unique items) (Kwic all)
S16	0	S5(5N)S12

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Set	Items	Description
S1	1	(BILLING OR BILLINGS OR FEE OR FEES OR COST OR COSTS OR CHARGE OR CHARGES OR RATE OR RATES) (5N) (BUNDLE?) (CODE OR CODES OR CODING?) (Kwic)
S2	0	S1 (5N) (CLEC OR COMPETITIVE() LOCAL() EXCHANGE() CARRIER? OR LOCAL() EXCHANGE() CARRIER?)
S3	0	S1 (5N) (TELECOMMUNICATION? OR TELEPHONE() (COMPANY OR COMPANIES))
S4	3277874	CONVERG? OR COMBIN? OR CONVERSION? OR CONVERT?
S5	573	AU=(CRIM, S? OR CRIM S? OR BRILL, T? OR BRILL T? OR TRIGONOPLOS, P? OR TRIGONOPLOS P? OR NEYMAN, D? OR NEYMAN D? OR MEDIWAKE, R? OR MEDIWAKE R?)
S6	54	(BILLING OR BILLINGS OR FEE OR FEES OR COST OR COSTS OR CHARGE OR CHARGES OR RATE OR RATES) (5N) (CLEC OR COMPETITIVE() LOCAL() EXCHANGE() CARRIER? OR LOCAL() EXCHANGE() CARRIER?)
S7	1	S6 AND S4
S8	1	S7 NOT S1
S9	1	S6 AND BUNDLE?
S10	1	S9 NOT (S1 OR S8)
S11	3	(CLEC OR COMPETITIVE() LOCAL() EXCHANGE() CARRIER? OR LOCAL() EXCHANGE() CARRIER?) (5N) BUNDLE?
S12	3	S11 NOT (S1 OR S8 OR S10) (Kwic all)
S13	0	S5 AND (CLEC OR COMPETITIVE() LOCAL() EXCHANGE() CARRIER? OR LOCAL() EXCHANGE() CARRIER?)

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7 KWIC all)